

09/054564

04/03/98

|       |          |
|-------|----------|
| 83    | 27       |
| Class | Subclass |

**ISSUE CLASSIFICATION**

PATENT NUMBERS

✓ 2001-0312

## U.S. UTILITY PATENT APPLICATION

**O.I.P.E.**

PATENT DATE

SCANNED

### Q.A

|        |       |          |           |                              |
|--------|-------|----------|-----------|------------------------------|
| SECTOR | CLASS | SUBCLASS | ART. UNIT | EXAMINER                     |
|        | 83    | 27       | 124       | Bar <del>Tran</del><br>Proue |

FILED WITH: ☒ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

ABANDONED

**PREPARED AND APPROVED FOR ISSUE**

## ISSUING CLASSIFICATION

| ORIGINAL                     |   |          |   |         | CROSS REFERENCE(S) |                                   |     |     |     |  |  |  |
|------------------------------|---|----------|---|---------|--------------------|-----------------------------------|-----|-----|-----|--|--|--|
| CLASS                        |   | SUBCLASS |   |         | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |     |     |  |  |  |
| 83                           |   | 27       |   |         | 83                 | 303                               | 310 | 314 | 348 |  |  |  |
| INTERNATIONAL CLASSIFICATION |   |          |   |         |                    |                                   |     |     |     |  |  |  |
| 0                            | 2 | 3        | 0 | 25 / 02 |                    |                                   |     |     |     |  |  |  |
|                              |   |          |   |         |                    |                                   |     |     |     |  |  |  |
|                              |   |          |   |         |                    |                                   |     |     |     |  |  |  |
|                              |   |          |   |         |                    |                                   |     |     |     |  |  |  |
|                              |   |          |   |         |                    |                                   |     |     |     |  |  |  |
|                              |   |          |   |         |                    |                                   |     |     |     |  |  |  |

☐ Continued on Issue Slip Inside File Jacket

|   |  |                   |                 |  |                           |
|---|--|-------------------|-----------------|--|---------------------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>   | DRAWINGS   |                   |                 | CLAIMS ALLOWED   |                           |
|   | Sheets Drwg.<br>11   | Figs. Drwg.<br>22 | Print Fig.<br>1 | Total Claims<br>4435   | Print Claim for O.G.<br>1 |
| <input type="checkbox"/> a) The term of this patent<br>subsequent to _____ (date)<br>has been disclaimed _____  | <i>Joan Howe</i> 3-25-04<br>(Assistant Examiner) (Date)  |                   |                 | NOTICE OF ALLOWANCE MAILED                                   |                           |
|   | <input type="checkbox"/> b) The term of this patent shall<br>not extend beyond the expiration date<br>of U.S. Patent. No. _____<br>_____<br>_____<br>_____ |                   |                 | 3/31/04<br>ISSUE FEE<br>Amount Due 1330.00 Date Paid 4/22/04 |                           |
| <input type="checkbox"/> c) The terminal _____ months of<br>this patent have been disclaimed.   | <i>Allan N. Shop</i> 3/31/04<br>(Primary Examiner) (Date)<br><i>Legal Instruments Examiner</i>   |                   |                 | ISSUE BATCH NUMBER   |                           |
| <b>WARNING:</b><br>The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. |  |                   |                 |  |                           |

Form PTO-436A  
(Rev. 10/97)

ISSUE FEE IN FILE (LABEL AREA)

(FACE)